

# M860 TOOLS

## INSTRUCTION MANUAL

- PC FOLDER TOOL Ver. 1.40
- SCREEN SAVER TOOL Ver. 1.40
- AQ PRINT TOOL Ver. 1.10
- USB DRIVER

## USB Driver for Your Machine

### To install the USB driver

- 1 Start up Windows.  
To install the USB driver, you will need to log in as the administrator.
- 2 Close all applications before you begin the installation.
- 3 Connect your PC and your machine with the USB cable.  
Turn the power switch of the machine ON.  
Windows automatically detects the sewing machine.  
The Found New Hardware Wizard starts automatically.

**Note:** If your Windows XP is installed with Service Pack 2, the message shown below appears. Select **No, not this time** and click **Next**.

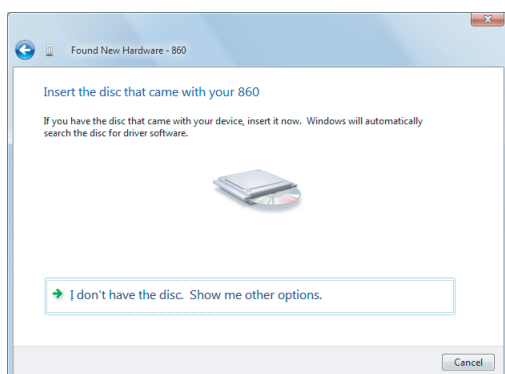


- 4 Insert the M860 Tools CD-ROM into the CD drive.  
Select **Install the software automatically**, and click **Next**.

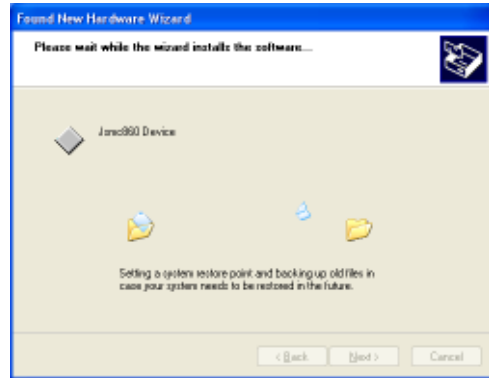


(Windows Vista)

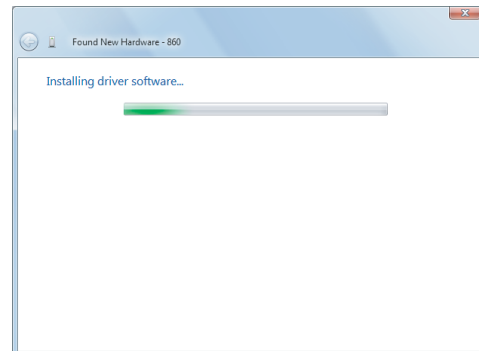
Insert the M860 Tools CD-ROM into the CD drive.



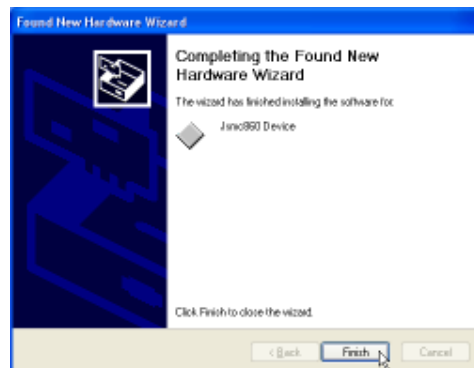
- 5 Your PC automatically detects the USB driver, and starts the installation.



(Windows Vista)

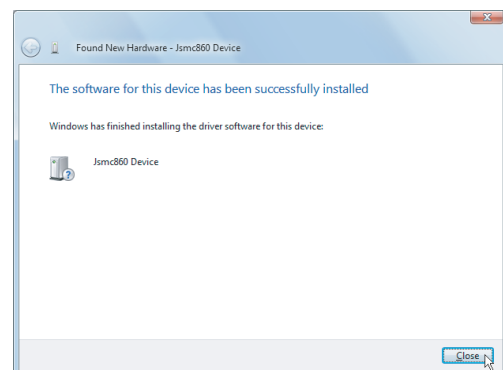


- 6 Click **Finish** to complete the USB driver installation.



(Windows Vista)

Click **Close** to complete the USB driver installation.



## USB Driver for Your Machine

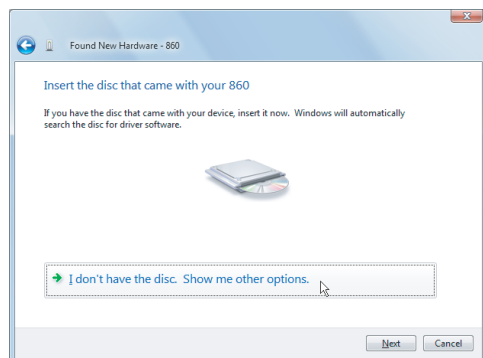
If your PC fails to detect the USB driver:

- 1 Go back to step 4 by clicking **Back**, select **Install from a list or specific location** and click **Next**.

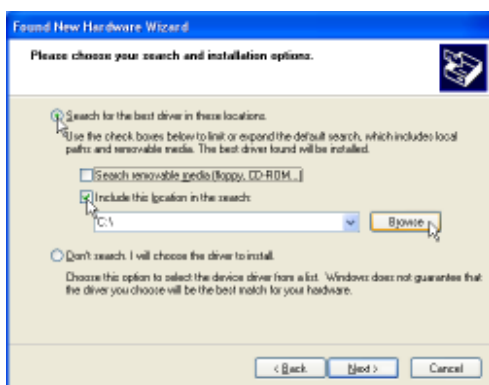


(Windows Vista)

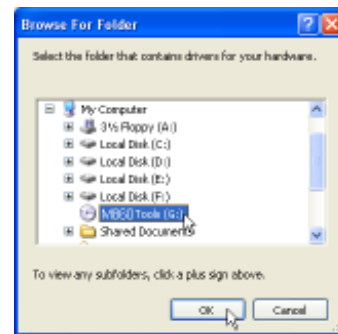
Go back to step 4 by clicking **Back**, select **I don't have the disc. Show me other options.** and click **Next**.



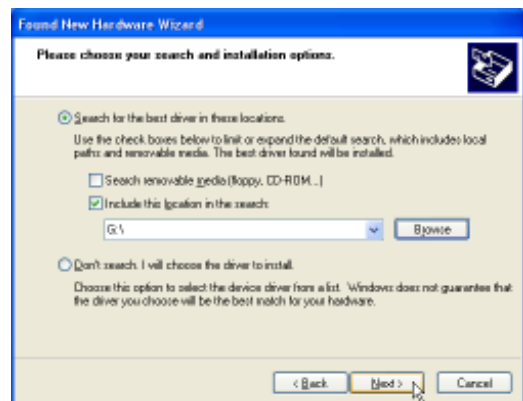
- 2 Select **Search for the best driver in these locations** and **Include this location in the search** and click **Browse**.



- 3 The **Browse For Folder** dialog box appears. Select the CD **M860Tools** and click **OK**.

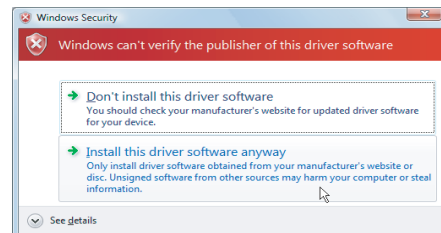


- 4 Click **Next**. Your PC will search for the driver in the selected location.



(Windows Vista)

The **Windows Security** dialog box appears. Click **Install this driver software anyway**.

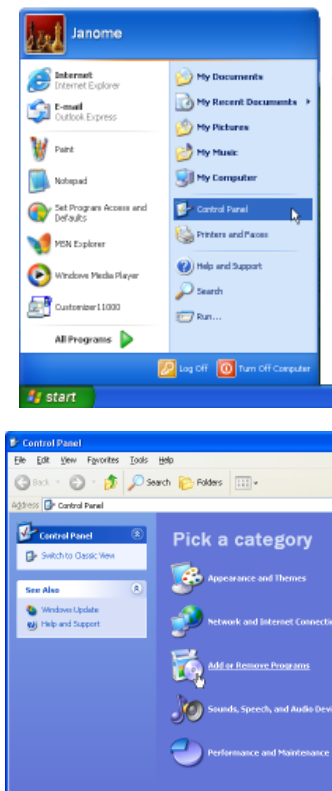


- 5 Installation will start automatically once your PC detects the driver. Click **Finish/Close** to complete the installation.

## To install M860 Tools

The M860 Tools consist of PC Folder Tool, Screen Saver Tool and AQ Print Tool. These applications will be installed at the same time.

- 1 Start up Windows. To install M860 Tools, you will need to log in as the administrator.
- 2 Close all applications before you begin the installation.
- 3 From the Start menu on the lower left corner of the screen, select **Control Panel**.  
When the Control Panel opens, double click **Add/Remove Programs**.

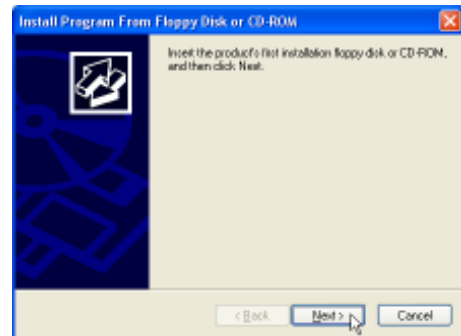


(Windows Vista)  
Skip steps 3 and 4.

- 4 The Add/Remove Programs dialog box opens. Click **Add New Programs**, then click the **CD or Floppy**.

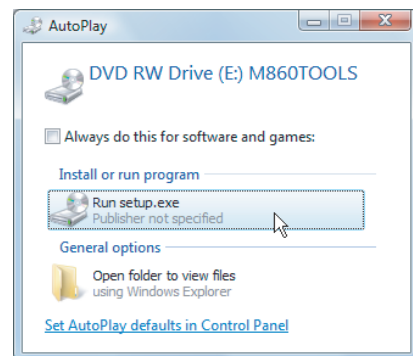


- 5 Insert M860 Tools CD-ROM into the CD drive and click **Next**.

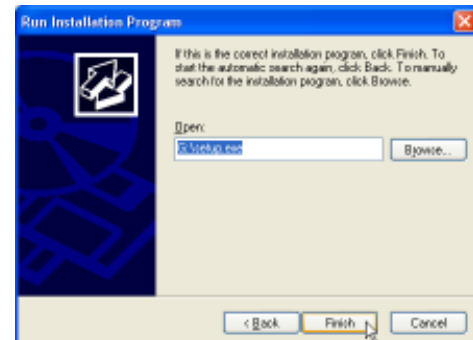


(Windows Vista)

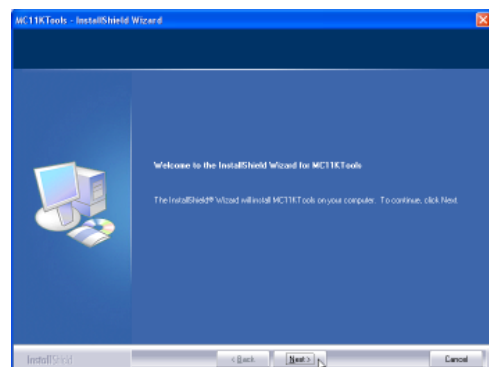
Insert M860 Tools CD-ROM into the CD drive. The **AutoPlay** dialog box opens. Click **Run setup.exe**.



- 6 Windows automatically detects the setup program. Click **Finish** to start the installation.

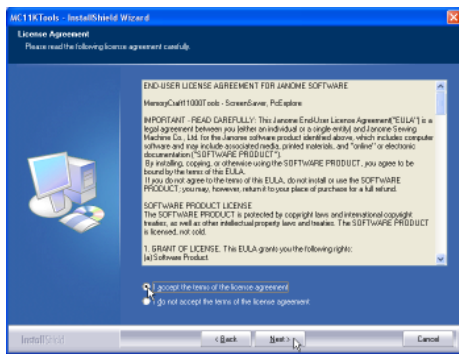


- 7 The InstallShield Wizard starts. Click **Next**.

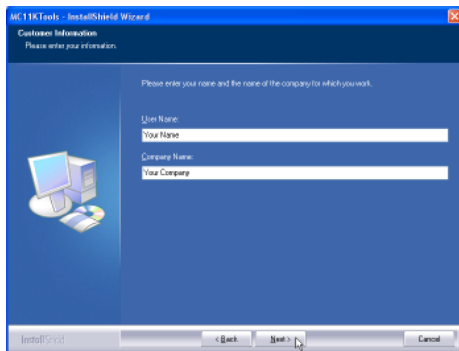




- 8 Read the License Agreement. Check **I accept the terms of the license agreement** if you agree. Click **Next**.

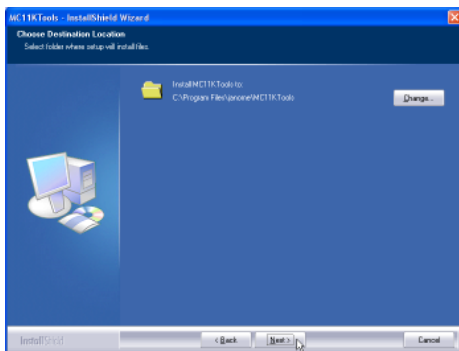


- 9 Enter user name and company name. Then click **Next**.



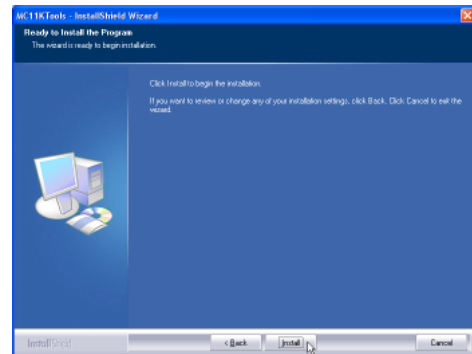
**Note:** You need to enter both names to continue to the next step.

- 10 Click the Browse button to locate a directory where you wish to install M860 Tools, or just click **Next** button to accept the default (preset) location.

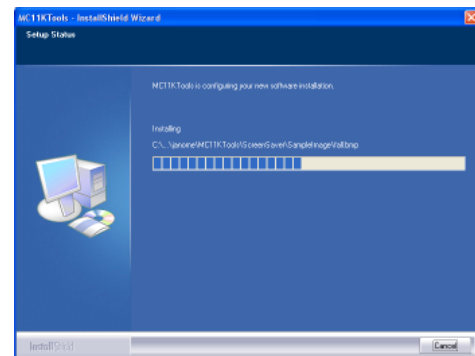


**Note:** M860Tools folder will be created under JSMC folder in the default (preset) setting.

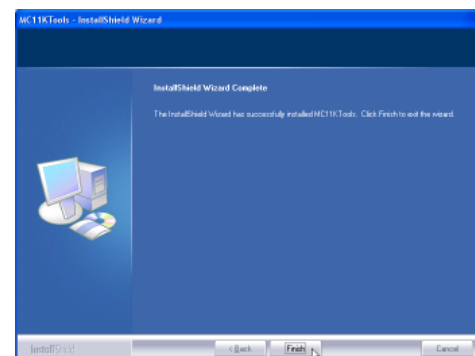
- 11 The InstallShield Wizard is now ready to install the program. If you wish to review or change any of your installation settings, click **Back** button and change the settings, otherwise click **Install** button.



- 12 The InstallShield Wizard will start to copy program files to the hard disk.

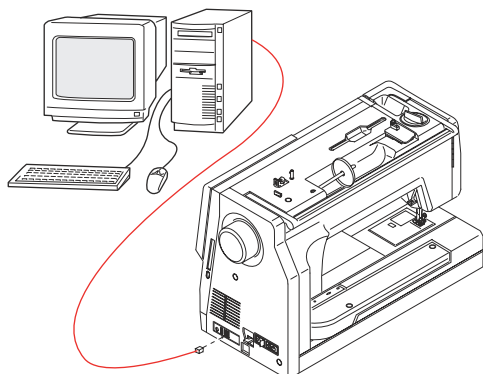


- 13 Click **Finish** button when “InstallShield Wizard Complete” messages appears. Three M860 Tools shortcut icons will be created on your desktop.

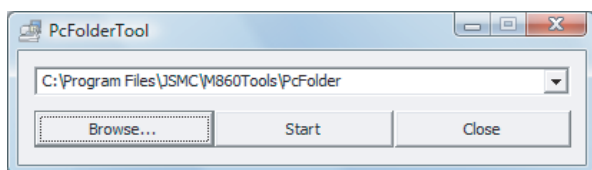


## PC Folder Tool

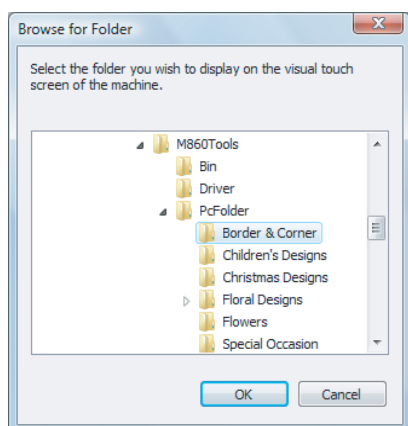
- 1 Connect your PC and the your machine with the USB cable.  
Turn the power switch of the machine ON.



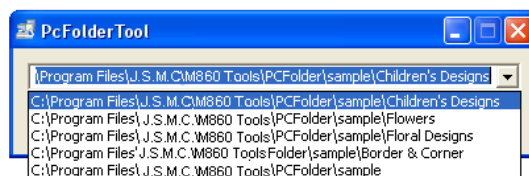
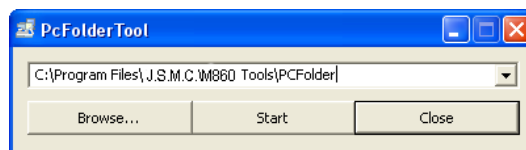
- 2 Double click the shortcut icon on your desktop to start PC Folder Tool program.  
The dialog box below appears.



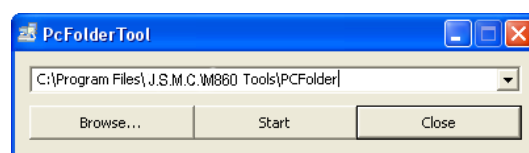
- 3 Click **Browse**. The Browse for Folder dialog box appears.  
Select the folder you wish to display on the visual touch screen of the machine.



To select the folder, you can either select the path from the pull-down menu by clicking the arrow on the right corner of the combo box or enter the folder path string directly into the PC Folder Tool combo box. The PC Folder Tool combo box displays the five most recent folder paths you have selected.






- 4 Click **Start** to start PC Folder Tool program.





**Note:** PC Folder Tool will not run if the machine and your PC are not connected properly, or the machine is not turned on.

- 5 Select the folder and its subdirectories you wish to display on your machine.

### To open the design from the PC:

Press the Embroidery key , then press the Open file tab  on the visual touch screen of the machine.  
The Open File window appears. Press the PC icon key . Now you can open the design from the PC.

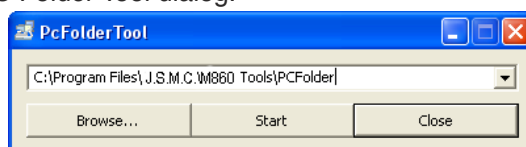
### To save the designs onto the PC:

Open the desired pattern on the visual touch screen of the machine.  
Press the Save file key  and the Save File window will open. Press the PC icon key  and press the OK key. The pattern on the visual touch screen will be saved in the specified folder of the PC.

- 6 To disconnect the connection between your PC and the machine, click **Stop** in the PC Folder Tool dialog.



- 7 To quit PC Folder Tool program, click **Close** in the PC Folder Tool dialog.



## Screen Saver Tool

### Screen Saver Tool

The Screen Saver Tool allows you to create your own screensaver out of your image resources. You may import up to three images to your machine.

#### To import images

- 1 Double click the shortcut icon to start the Screen Saver Tool program.
- 2 Select the screensaver image from your image resources.

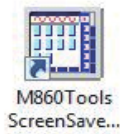
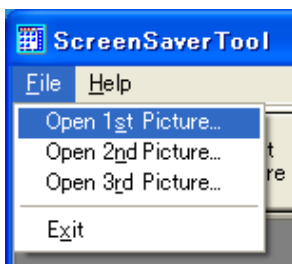
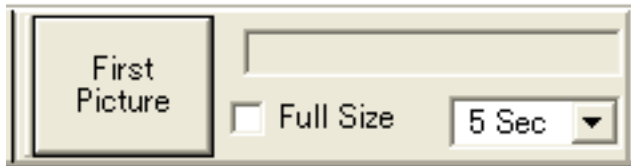


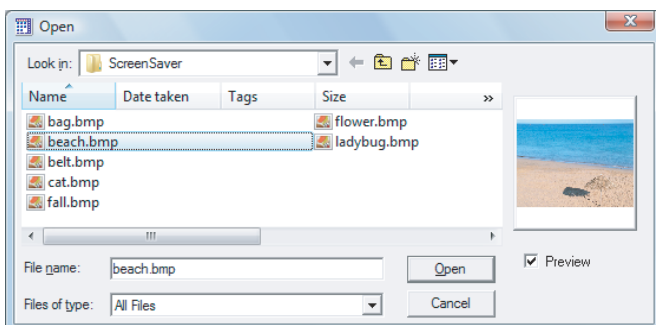
Image files for the screensaver pictures must be in jpeg or bitmap format. The appropriate image size for the visual touch screen is 640 pixels (W) X 480 pixels (H). You may use graphics software to convert or resize the image.

Click the **First Picture** button on the tool bar or choose **File > Open 1st picture** from the pull-down **File** menu.

The Open dialog appears.



- 3 Click the arrow on the right corner of the Look in: combo box. Select the destination folder or drive containing the image(s) you wish to use for the screen saver from the pull-down list. The file list will be displayed.



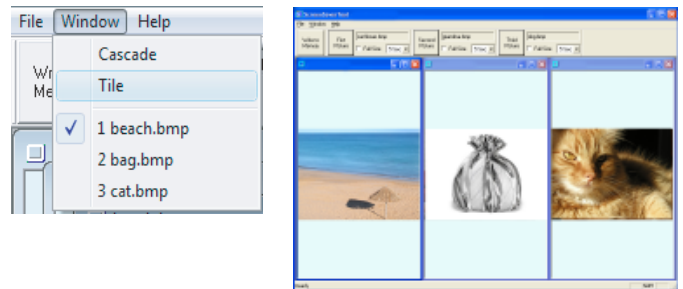
- 4 Select a file in jpeg or bitmap format and a preview image will appear in the preview window. Select the desired image and click **Open**. The selected image will appear in the picture window. The image is now registered as the first picture for the screen saver.

- 5 If you have more images you would like to see on the visual touch screen, you can register up to three pictures for the screensaver. Click **Second Picture** or choose **File > 2nd picture** from the pull-down **File** menu. Select the desired image for the second picture.

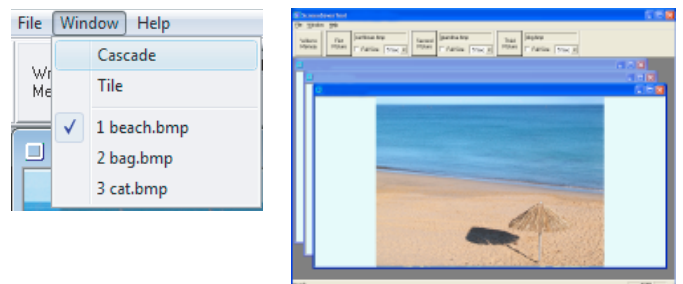
Repeat for the third picture.

#### Tiling and cascading windows

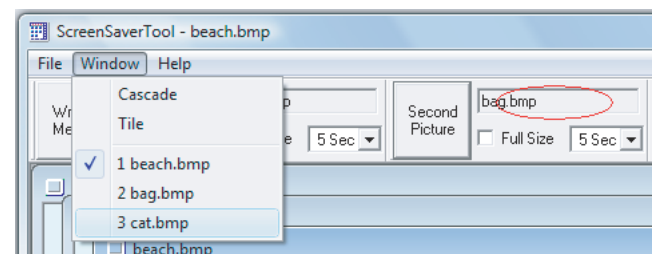
Select **Window > Tile** from the menu bar. All the windows will be displayed side-by-side and do not overlap.



Select **Window > Cascade** from the menu bar. All the windows will be displayed overlapped with each title bar visible.



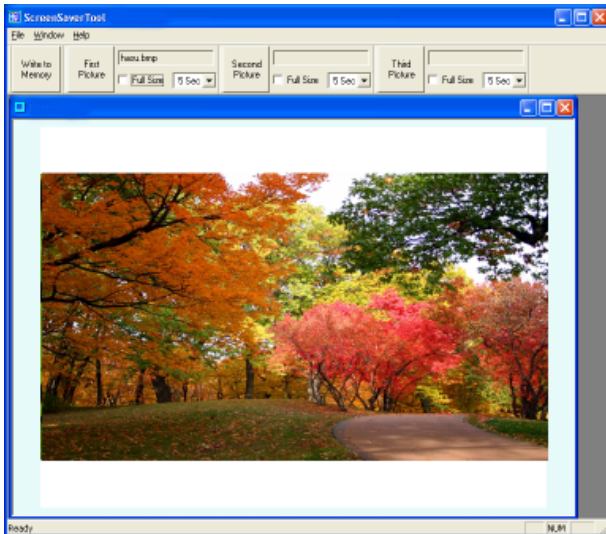
To display a hidden image window, select the file name of the image you want to display from the **Window** menu, or click the file name on the tool bar.



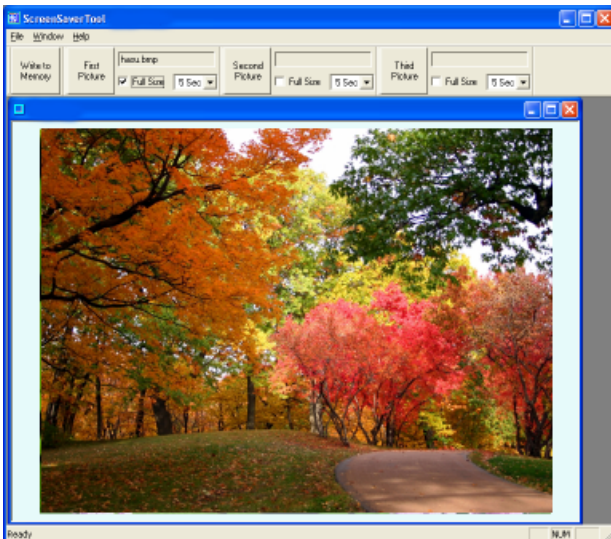
## Screen Saver Tool

### Adjusting the imported images

The visual touch screen of the machine has an aspect ratio of 4(W):3(H) and fits 640(W) X 480(H) pixels. If the imported image is smaller than the visual touch screen or its aspect ratio is not 4:3, it will not fill the screen and will leave blank space.



To fit the imported images to the visual touch screen, check **Full Size**. Screen Saver Tool adjusts the imported images to fit the entire screen automatically.



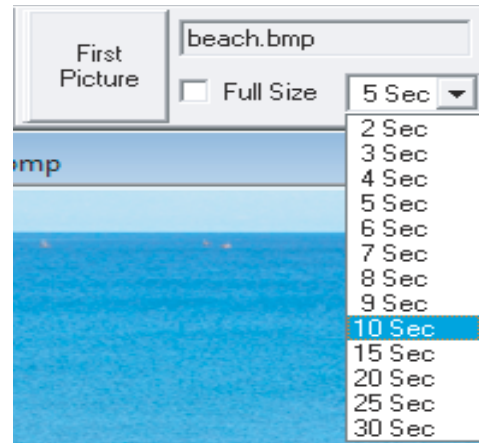
### Setting the duration of a image

If you import more than one image to the machine, the screen displays the first picture for the time determined, and then displays the next picture.

You can set the duration of the picture is displayed.

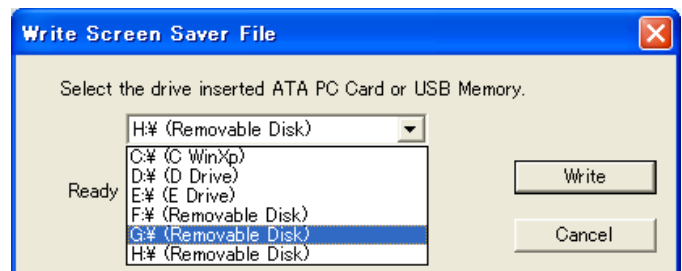
Click the arrow and the pull-down list appears. Select the duration for each pictures.

(The default setting is 5 seconds.)



### To transfer a screensaver file to the machine

Insert an ATA PC card or USB memory into your PC. To save your created screensaver file, click **Write** or choose **File > Write Memory** from the menu bar. The Write Screen Saver File dialog appears.



Your PC automatically detects the ATA PC card or USB memory. If the removable media is not indicated or there is more than one removable media, browse and select the desired device.

Click **Write** to save the imported images to the ATA PC card or USB memory.

**Note:** The screensaver file is saved as “\_SCRNSVR.bin”. The “\_SCRNSVR.bin” file will always be written to the root directory on the selected device.

## Importing the screen saver file into the machine

Insert the ATA PC card or USB memory that contains the saved “\_SCRNSVR.bin” file into the machine. Press the Set key to open the setting mode window. Press the import key on the right side of the screen saver on/off key. A confirmation beep will indicate that the data is being transferred to the built-in memory of the machine.



### Notes:

- To set the Eco Mode, refer to the instruction book of your machine.
  - Three beeping sound alerts you that the file transfer has failed. Check if the ATA PC card or USB memory is correctly inserted to the machine, and the “\_XCRNSVR.bin” file is properly saved to the media.
  - The existing screensaver file will always be overwritten with a new screensaver file.
- Once you register the “\_SCRNSVR.bin” file to the machine, the file will not be deleted unless the built-in memory is reformatted.



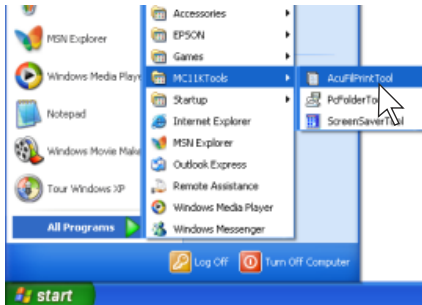
## AQ Print Tool

AQ Print tool creates templates for AQ designs which are very helpful when stippling a large quilt. Print the template and general arrangement of AQ design and mark the centerlines on the quilt top.

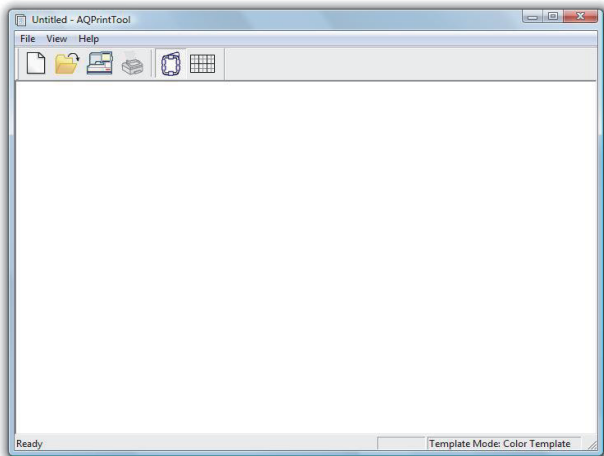
You need to save the AQ design file on your machine before downloading it to your PC.

## Starting up AQ Print Tool

Double click the shortcut icon on the desktop or choose **Start>All Programs>M860Tools> AQPrint Tool** from the menu bar.

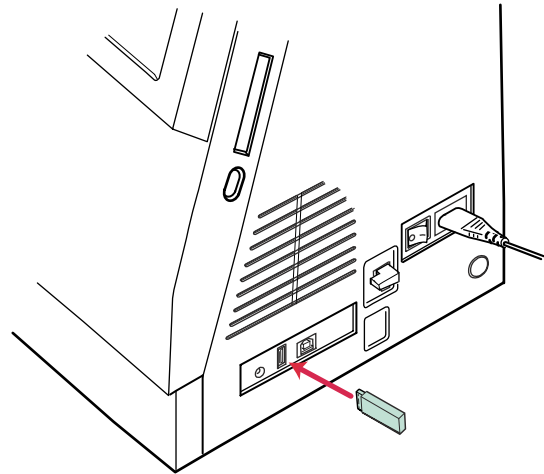


AQ Print Tool window will open.



## Opening a AQ design file from a USB memory

Insert a USB memory into your machine and save the AQ design file onto the USB memory. Remove the USB memory and insert it into the PC.



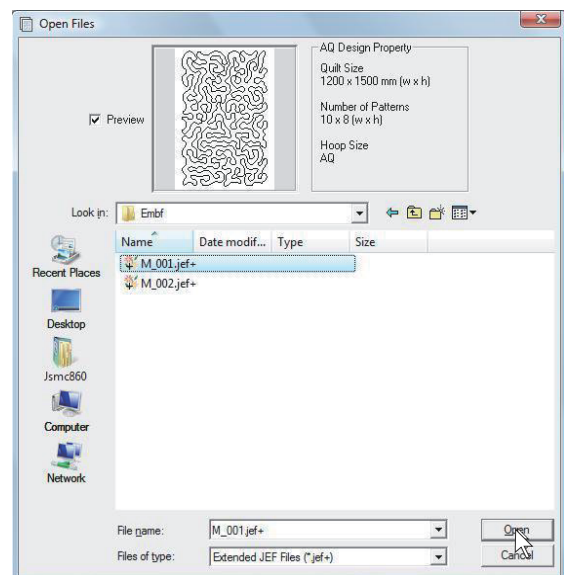
Choose **File>Open** from the menu or click the **Open** icon on the toolbar.

The **Open Files** dialog box will open.

Select and open the folder which contains the desired design file.

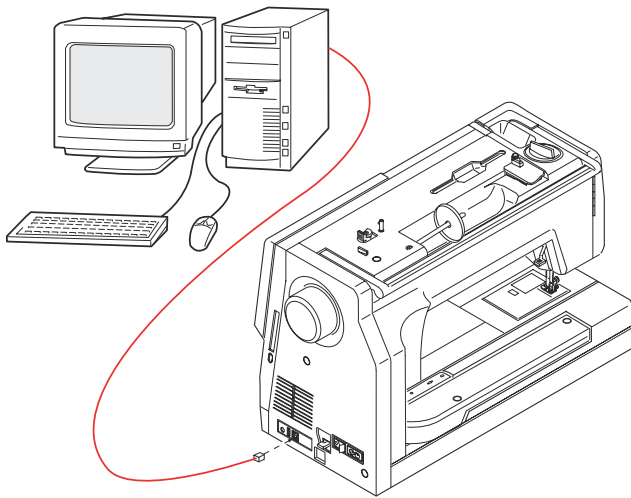
Select the AQ design file you wish to print its template. A pattern image of the selected design file will be shown in the preview window.

Click **OK** button to open the selected file.



## Opening a AQ design file via direct PC-Link

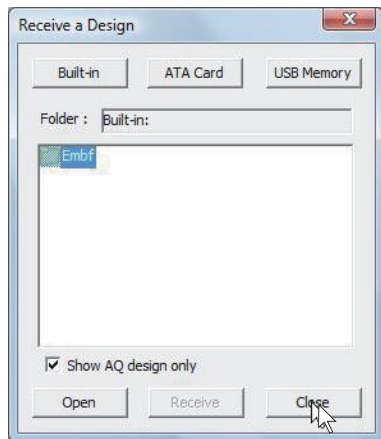
Connect your machine and PC with a USB cable and turn the machine on.



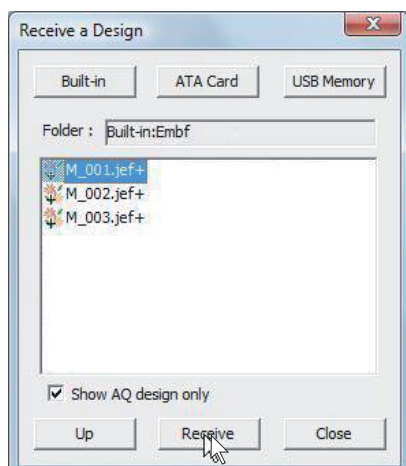
Choose **File>Machie** from the menu or click the **machine** icon on the toolbar.

The **Receive a Design** dialog box will open.

Select and open the folder which contains the desired design file.

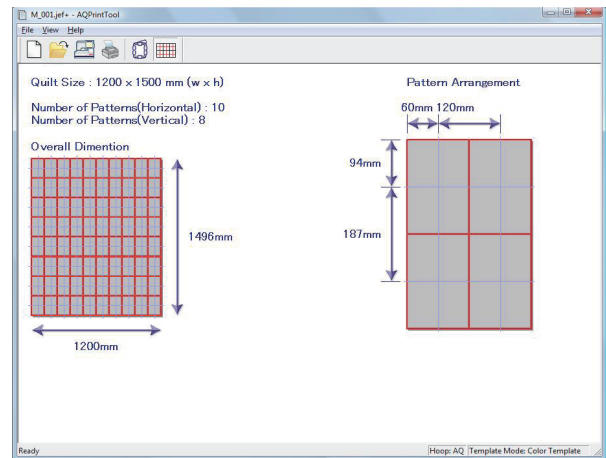


Select the AQ design file you wish to print the template and click **Receive** button to open.

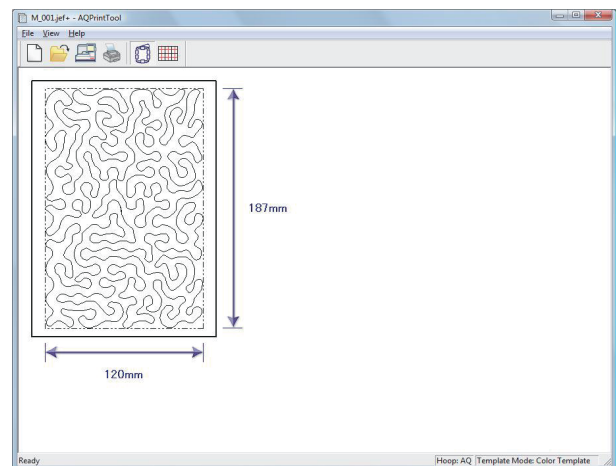


## Viewing a Template Image

The general arrangement and layout of the AQ design will be shown.



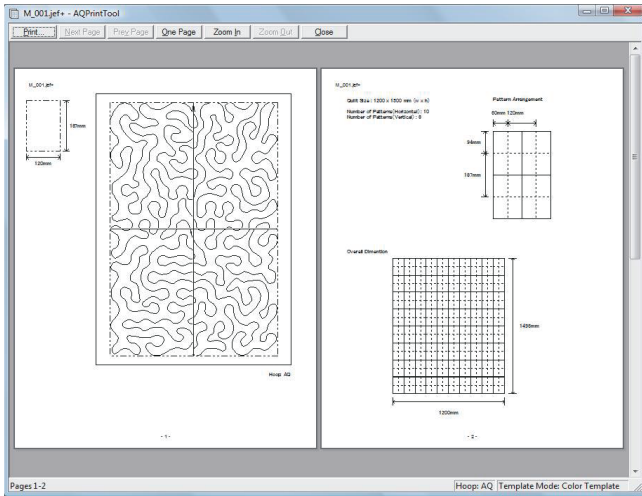
Click the single pattern icon on the toolbar to show an image of the template.



## Printing the Template Sheet

Choose **File>Print Preview** from the menu to show the preview.

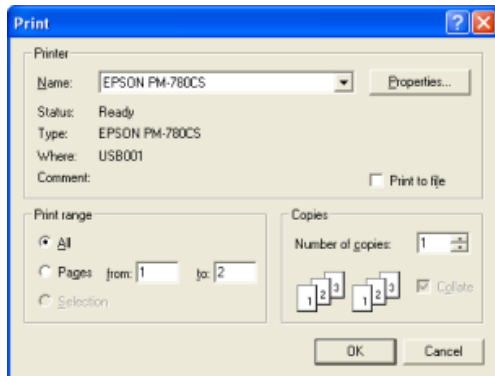
The template sheet will be printed on the first page and the general arrangement on the second page.



Choose **File>Print** from the menu or click the **Print** icon on the toolbar.

The **Print** dialog box will open.

Click **OK** button to print the template sheet.

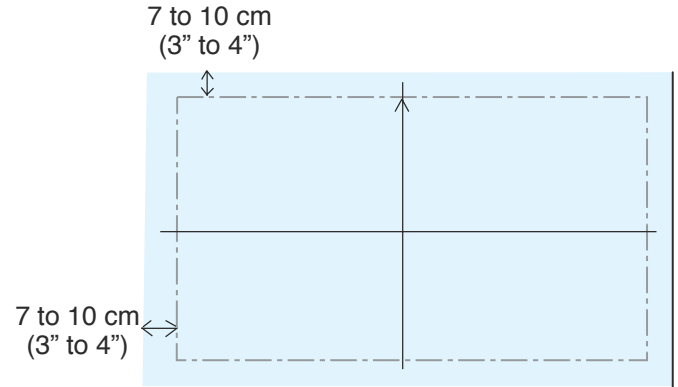


## Using the Template Sheets

Prepare a quilt top, base fabric and butting.

Add a 7-10 cm (3" to 4") outer margin to the embroidery area when deciding the overall quilt size.

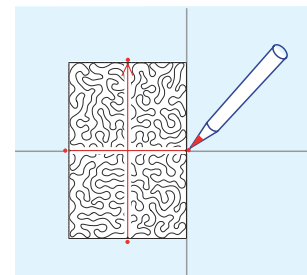
Mark the centerlines on the quilt top and mark an arrow head to indicate orientation.



Place the template sheets on the quilt to check the general arrangement.



Mark reference lines for the first section on the quilt top in the center.



Mark the reference lines for the second section by aligning the template sheet with the first pattern sewn.

